

### ABSTRACT

A system is provided that includes a CPU, a graphical user interface coupled to the CPU, and a memory coupled to the CPU. The memory stores a bump map application and a data extraction application executed by the CPU. The bump map application displays a plurality of editable textual character groups representative of a plurality of bumps. The textual character groups are arranged on the graphical user interface according to a relative coordinate position of the bumps with respect to an origin. The data extraction application automatically extracts data from the bump map application for use by a router application.